Quick Guide

2013

Software for the Building Services Industry

amtech

Amtech 2013 Quick Guide

Contents

System Requirements 3

Installation 5

Desktop installation 5
Mobile Installation 6

Activating your Amtech software 8

Amtech 2013 Upgrade 11

Automatic Updates 12
Amtech Assistance 12

FastTest 13

Data Synchronisation 13
Test Instruments - FastTest EICR 14
Import/Export - FastTest EICR 15

ProDesign and Protect 16

Graphical energy let-through characteristics 16
Autodesk Revit MEP 2013 interface 17

System Requirements

These specifications refer to the minimum specifications across the range of Amtech software applications.

Computer (desktop or laptop)

Minimum PC and system requirements are:

- Intel Pentium 4 (2.0 GHz processor)
- 1GB RAM (2GB recommended)
- 1.5GB free hard disk space
- DVD drive
- Mouse
- Monitor: 1024x768 resolution – min 256 colours
  (recommended 1280x1024)
  Recommended screen font size 96 DPI (100%)

Operating Systems

The following operating systems are supported on desktop or laptop computers:

- Microsoft Windows XP SP3 or above - Home or Pro (32 bit)
- Microsoft Windows Vista Home Premium SP2 or above (32 and 64 bit)
- Microsoft Windows 7 SP1 Home Premium or above (32 and 64 bit)
- Microsoft Windows 8 Pro or above (32 and 64 bit)
- Microsoft Windows Server 2003 (FastTest network installation)

Prerequisites

- An NTFS file system must be used (not FAT32)
- The Amtech product suite cannot be installed to a compressed drive
- The installation process is designed to be run locally, not over a network

Amtech Mobile Software*

Amtech FastTest Mobile and Amtech GasCert Mobile require a PDA (Personal Data Assistant) running Microsoft Windows Mobile 6, 6.1 or 6.5 later.

The minimum PDA memory requirement is 64Mb.

The following Microsoft desktop to PDA connectivity software is required:

PDA operating system	Desktop operating system	Microsoft connectivity software required
Windows Mobile 6.0	XP	ActiveSync v4.5
	Vista	Mobile Device Center v6.1 or above
	Windows 7	Mobile Device Center v6.1 or above
	Windows 8	Not compatible
Windows Mobile 6.1	XP	ActiveSync v4.5
	Vista	Mobile Device Center v6.1 or above
	Windows 7	Mobile Device Center v6.1 or above
	Windows 8	Not compatible
Windows Mobile 6.5	XP	ActiveSync v4.5
	Vista	Mobile Device Center v6.1 or above
	Windows 7	Mobile Device Center v6.1 or above
	Windows 8	Not compatible

Amtech Mobile software is installed using a desktop or laptop PC.

*All references to Amtech Mobile software in this document relate to Amtech's software for Windows Mobile 6 software (installed using the Amtech 2013 DVD). Other Amtech software may be available from platform specific application stores.

Installation

Desktop installation

First, ensure that Microsoft ® Windows™ is already installed on your system.

You need your Amtech 2013 DVD and 2013 licence number.

Your 2013 licence number can be found on the letter included with the software. If you already have Amtech 2012 installed then your 2013 licence number may be the same.

To install:

- Ensure that you are a local machine administrator.
- Close all open applications, including virus checkers, if running, before starting the installation.
- Insert the Amtech 2013 DVD in your disk drive.
- Setup should start automatically.

Setup will run from the DVD. Follow on-screen instructions.

FastTest and GasCert Users

> We recommend creating a backup of any existing database before installing the 2013 upgrade.

Users of FastTest Mobile or GasCert Mobile should ensure all certificates are transferred from their mobile software before upgrading the desktop software.

Concurrent Licence Users

Installation instructions can be found in the 'Installation Guides' folder on the installation DVD.

A new Amtech 2013 licensing key may be required for your server. A new licence key is not required if you are already using a concurrent version of Amtech 2012.

Please contact our Activation Department on **0871 220 8880** or licensing@amtech.co.uk for further information.

Mobile Installation

Please read ALL the instructions before you start.

CAUTION

Ensure that the mobile software is installed from the PC that the data transfer will take place on.

1. Connect your PDA to your computer using Microsoft ActiveSync version 4.5 if you are using Windows XP or connect your PDA to your computer using Microsoft Windows Mobile Device Centre 6.1 if you are using Windows Vista or Windows 7. The manufacturer of the PDA normally supplies this software, however ActiveSync or Windows Mobile Device Centre may be downloaded from Microsoft free of charge. Follow the manufacturer's instructions and establish a connection.

   Amtech Mobile software is not compatible with Microsoft Windows 8.

2. If you are upgrading from a previous version of FastTest/GasCert Mobile you need to ensure that any data that has been collected using the previous version has already been transferred to the PC as this will need to be removed using the Remove Programs option on your PDA before installing the latest version.

3. Insert the Amtech 2013 DVD into the disk drive. The DVD should Autorun. Follow the instructions on screen. If it doesn't, view the files on the DVD and double click 'setup.exe'

4. When prompted enter your Mobile licence number and click 'Next'. Click 'Yes' to agree to the licence agreement. Please note there are separate licence numbers for FastTest and GasCert. The licence number will determine which product is installed.

Follow instructions on the PC screen. You will also need to action instructions on the PDA screen.

There may be a number of additional Microsoft administration screens and actions required. The install process is in three distinct steps. It is important that you install steps 1 and 2 before attempting to install the Amtech software. Check your PDA screen regularly for instructions before selecting 'Next' on the PC.

- Step 1 - install the "Microsoft .NET Compact Framework" after which you will be instructed to restart the PDA. (This may not be required for all operating systems)
- Step 2 - install " Microsoft SQLCE 2.0"
- Step 3 - install the Amtech software

Always use the default option unless you fully understand the consequences of not selecting the default option offered.

Start Menu – Your PDA has a drop down 'Start' menu to give quick access to frequently used programs. The list is limited to seven programs. To ensure that FastTest appears in this list go to the 'Settings' screen and select 'Menus'. Tick the programs you want to appear in the start menu.

Activating your Amtech software

Amtech software is sold as a single user, single installation licence unless otherwise specified in your licence agreement. The software may be installed and activated on a single computer. Multi-user licence agreements will allow the software to be installed and activated on a specified number of computers.

The software is protected and requires activation before unrestricted use. Before activation there will be full functionality but the message "DEMONSTRATION ONLY" will be printed on all documents.

You will receive reminders to activate the software. However, after 30 days the software must be activated.

Please Note: Amtech Mobile programs, i.e. FastTest Mobile and GasCert Mobile do not require activating.

How do I activate my Amtech software?

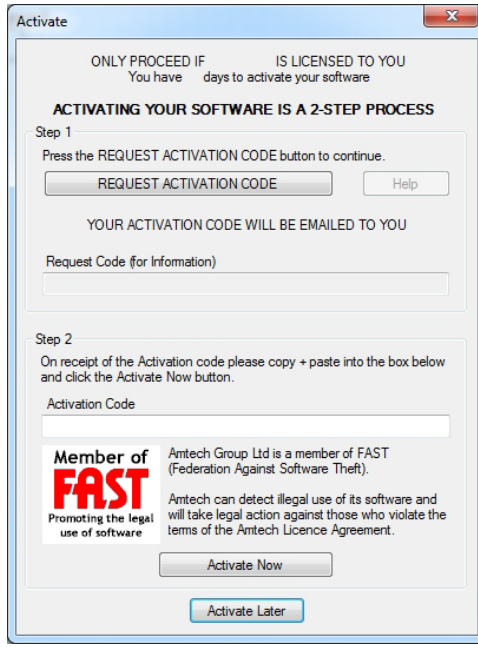
Activating your new software is a two step process

Step 1 - Send your 'Request Code' to Amtech

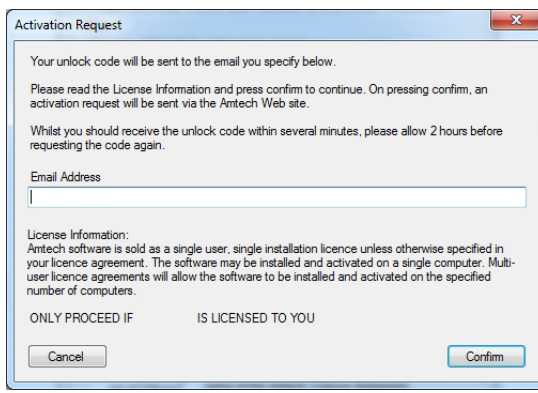
The preferred method of activation is to use the 'REQUEST ACTIVATION CODE' button which sends your 'Request Code' to Amtech electronically. An email auto-responder will check to ensure that your company is the registered purchaser of the software and that there is a user licence available. The auto-responder operates 24 hours a day seven days per week, giving prompt response any time of day.

The Activate dialog box may appear at start-up and various other times indicating how many days you have left.

If the dialog box doesn't appear automatically then it can be accessed by going to the 'Support' menu and selecting 'Activate software'


Activate
ONLY PROCEED IF IS LICENSED TO YOU
You have days to activate your software
ACTIVATING YOUR SOFTWARE IS A 2-STEP PROCESS
Step 1
Press the REQUEST ACTIVATION CODE button to continue.
REQUEST ACTIVATION CODE
Help
YOUR ACTIVATION CODE WILL BE EMAILED TO YOU
Request Code (for Information)
Step 2
On receipt of the Activation code please copy + paste into the box below and click the Activate Now button.
Activation Code
Member of FAST
Promoting the legal use of software
Amtech Group Ltd is a member of FAST (Federation Against Software Theft).
Amtech can detect illegal use of its software and will take legal action against those who violate the terms of the Amtech Licence Agreement.
Activate Now
Activate Later

Click on the 'REQUEST ACTIVATION CODE' button.


Activation Request
Your unlock code will be sent to the email you specify below.
Please read the License Information and press confirm to continue. On pressing confirm, an activation request will be sent via the Amtech Web site.
Whilst you should receive the unlock code within several minutes, please allow 2 hours before requesting the code again.
Email Address
License Information:
Amtech software is sold as a single user, single installation licence unless otherwise specified in your licence agreement. The software may be installed and activated on a single computer. Multi-user licence agreements will allow the software to be installed and activated on the specified number of computers.
ONLY PROCEED IF IS LICENSED TO YOU
Cancel
Confirm

On pressing the 'Confirm' button an activation request will be sent via the Amtech website.

The email response from Amtech will be sent to the address entered on the Activation Request dialog.

Users who are unable to activate electronically may call the Amtech *Activation* Hotline on 0871 220 8880 (Monday to Friday 9am – 5pm). The number is displayed on the activation dialog box. An Amtech representative will undertake the security checks manually and then, if appropriate, authorise and issue an unlock code.

Please note that this manual activation process may take several minutes. We strongly suggest that you use the email method if possible as the process of dictating and recording a long code by phone is open to transcription errors.

Please do not contact Amtech Support or Amtech Sales regarding activation or de-activation as they are unable to process these requests.

Telephone calls are recorded to help prevent fraud.

Step 2 - Receive your 'Activation Code' and activate your software

Check your email inbox. If you have not received your activation code by e-mail after a few minutes then check your e-mail system's Junk/Spam inbox in case the message has been re-directed to there.

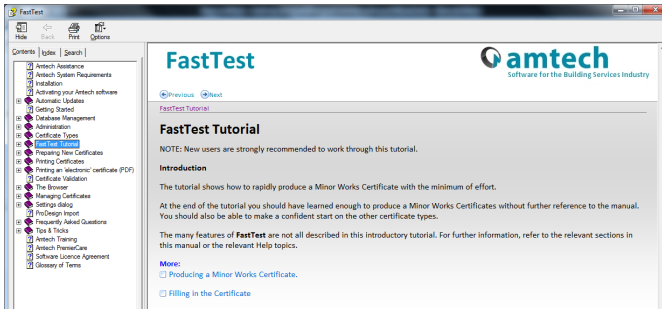
When you receive your 'Activation code' from Amtech you must enter this into the lower box. Use copy and paste functions if possible to eliminate transcription errors.

If you have received your activation code by phone enter it into the lower box. Be sure to type it accurately. The majority of the support problems relating to activation are due to incorrectly recorded or mis-typed activation codes.

Then click on the 'Activate Now' button to complete the process.

Amtech 2013 Upgrade

This booklet is designed to outline the changes to your Amtech software. Further details can be found in the software help system and electronic manual. These can be accessed via the software 'Help' menu.



Automatic Updates

Amtech software can automatically check whether a suitable web update is available. If an update is available then the automatic update feature will offer to download and install it for you. The Amtech Automatic Update feature is available in all Amtech desktop products (i.e. non Mobile products).

We recommend checking for updates as soon as you have installed your Amtech software. You can initiate an update check at any time by selecting the 'Support' menu, selecting the 'Check for Updates' option and clicking on the 'Check Now' button.

In order to be quickly informed of any appropriate web updates for your Amtech software in the future you should ensure that the 'Check For Updates' feature is always enabled.

Availability of Web Updates

In order to be able to receive an Amtech web update you must have:

- A current PremierCare agreement for the specific Amtech application
- Registered your Amtech software on the Amtech website
- Internet access

Amtech Assistance

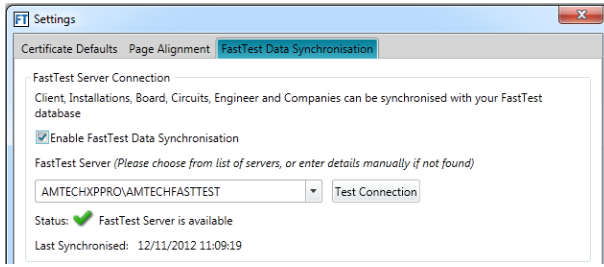
Amtech Technical Support offers a support tool which allows Support Engineers to view and control users' machines remotely with their permission.

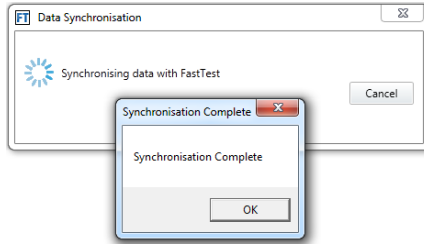
All Amtech applications have a menu option link to the Amtech Support web page, which has a direct link to the Amtech Assistance login page.

FastTest

Data Synchronisation

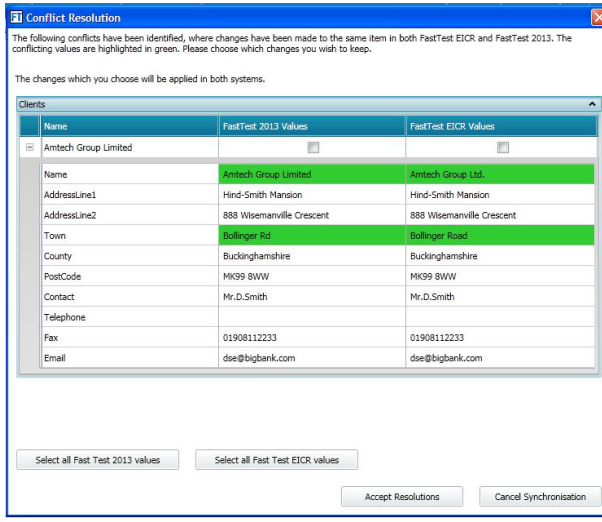
Data Synchronisation can now be performed between FastTest EICR and FastTest 2013 applications.


Settings
Certificate Defaults
Page Alignment
FastTest Data Synchronisation
FastTest Server Connection
Client, Installations, Board, Circuits, Engineer and Companies can be synchronised with your FastTest database
Enable FastTest Data Synchronisation
FastTest Server (Please choose from list of servers, or enter details manually if not found)
AMTECHXPPRO\AMTECHFASTTEST
Test Connection
Status:
FastTest Server is available
Last Synchronised: 12/11/2012 11:09:19



Data synchronisation allows Clients, Installations (including Boards and Circuits), Companies and Engineers data to be synchronised between the main FastTest Desktop Application and the FastTest EICR application

Where data conflicts are found during synchronisation the software will enable the user to choose which data to update/overwrite.



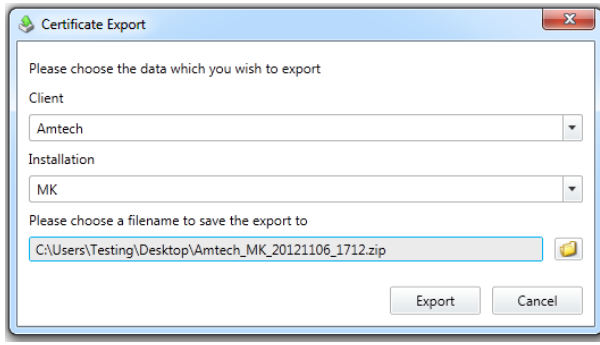
Test Instruments - FastTest EICR

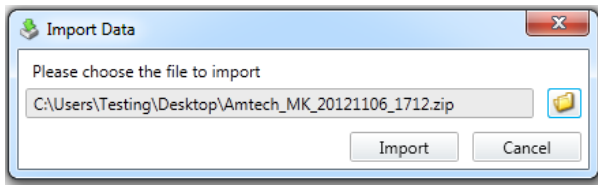
Test Instruments details are now saved on locally for use by FastTest EICR. This allows faster more efficient data entry.

The serial number of the last used test instrument will be retained by FastTest EICR.

Import/Export - FastTest EICR

Import and Export functionality has been added to FastTest EICR. This allows flexibility of working, giving users the ability to share certificates between copies of FastTest EICR.

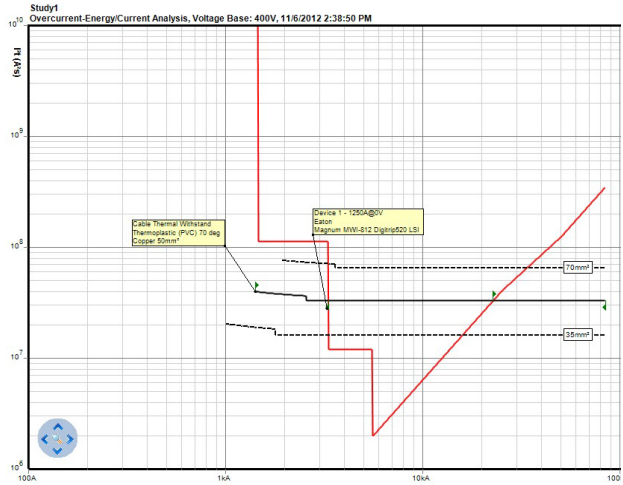




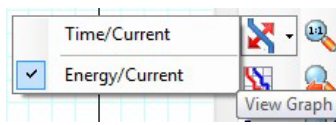
ProDesign and Protect

Graphical energy let-through characteristics

A new energy/current graph view has been added to Amtech Protect 2013. This provides a graphical method of displaying and adjusting protective device energy let-through characteristics.



These characteristics are used by ProDesign during conductor withstand calculations.

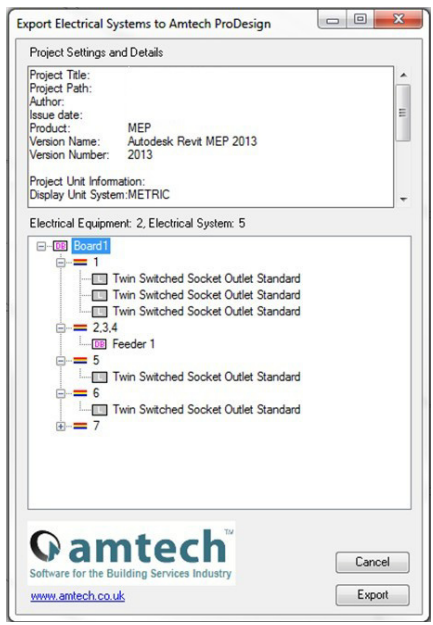


This feature gives you better control and visibility over the elements of the conductor withstand calculations.

Autodesk Revit MEP 2013 interface

Autodesk Revit MEP 2013 is a powerful application for Building Information Modelling (BIM). This development adds tools to both the Autodesk Revit and Amtech ProDesign interfaces.

Circuit information defined in Revit MEP can be exported to ProDesign creating an outline electrical schematic. The tools in ProDesign can then be used to perform comprehensive design calculations.



The results calculated by ProDesign can be returned to Revit and associated with the relevant circuit components in the original Revit model.